

What is claimed is:

1           1. In a material for a heat-resistant protection layer and  
constituting one of a plurality of components of a phase variation  
type recording medium , at least one compound having a thermal  
conductivity of higher than 10 W/m.deg inclusive in a bulk state is  
5 contained.

1           2. A material as claimed in claim 1, wherein said at least  
one compound is selected from a group consisting of zinc oxide,  
aluminum oxide, titanium oxide, magnesium oxide, yttrium oxide,  
gallium nitride, silicon nitride, aluminum nitride, and silicon  
5 carbide.

1           3. A material as claimed in claim 1, wherein said at least  
one compound comprises a combination of zinc oxide, aluminum  
oxide, titanium oxide, magnesium oxide, yttrium oxide, gallium  
nitride, silicon nitride, aluminum nitride and/or silicon carbide,  
5 and silicon oxide.

1           4. In an optical data recording medium comprising a  
substrate and a heat-resistant protection layer, a recording layer  
and a reflective heat radiation layer sequentially stacked on said  
substrate, said recording layer mainly consists of Ag, In, Sb and Te,  
5 and said heat-resistant protection layer contains at least one  
compound having a thermal conductivity of higher than 10  
W/m.deg inclusive in a bulk state.

1           5. A material as claimed in claim 4, wherein said at least

one compound is selected from a group consisting of zinc oxide,  
aluminum oxide, titanium oxide, magnesium oxide, yttrium oxide,  
gallium nitride, silicon nitride, aluminum nitride, and silicon  
5 carbide.

1           6. A material as claimed in claim 4, wherein said at least  
one compound comprises a combination of zinc oxide, aluminum  
oxide, titanium oxide, magnesium oxide, yttrium oxide, gallium  
nitride, silicon nitride, aluminum nitride and/or silicon carbide,  
5 and silicon oxide.